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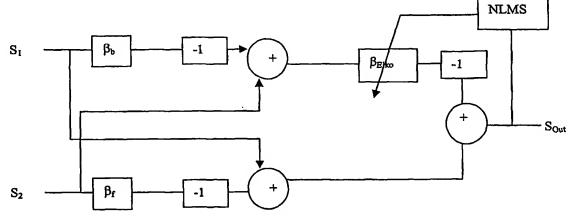
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(54) Title: MICROPHONE SYSTEM WITH DIRECTIONAL RESPONSE



(57) Abstract: Hearing aid with a microphone system for providing a directional response by generating a fixed forward pointing directivity pattern and a fixed backward pointing directivity pattern and where the forward and backward directivity pattern signals are mixed at a ratio, which ensures energy minimization of the output signal, and where the fixed directivity patterns are set for optimized directivity when the microphone system is located near or at an object.